



# Your everyday LEDspot MR16

# **Essential LEDspot MR16**

Essential LEDspots MR16 are compatible with most existing fixtures with a GU5.3 socket and are designed as a retrofit replacement for halogen spots. Essential LEDspots MR16 deliver significant energy savings and minimize initial investment.

#### Benefits

- Up to 90% energy saving compared with traditional halogen lamps
- · Lower maintenance costs
- · Low initial investment

#### **Features**

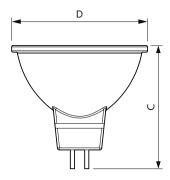
- · Easy retrofit
- · Lifetime up to 15,000 hours
- · Non-dimmable
- UV- and IR-free light

### **Application**

- · Hotels, restaurants, bars, cafés, shops
- Lobbies, corridors, stairwells, washrooms, reception areas

# **Essential LEDspot MR16**

# Dimensional drawing



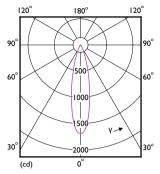
Product	D	С
Essential LED 5-50W 2700K MR16 24D	50 mm	46 mm
Essential LED 5-50W 6500K MR16 24D	50 mm	46 mm

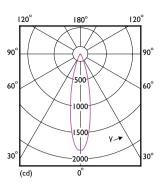
General Information		
Cap-Base	GU5.3	
Rated Lifetime (Hours)	15,000 hour(s)	
Switching Cycle	50,000	
Nominal lifetime	15,000 hour(s)	
Light Technical		
Beam Angle (Nom)	24 degree(s)	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime	70 %	
(Nom)		
Luminous Intensity (Nom)	1,700 cd	
Operating and Electrical		
Input Frequency	- Hz	
Line Frequency	- Hz	
Power Consumption	5 W	
Starting Time (Nom)	0.5 s	
Wattage Equivalent	50 W	
Temperature		
T-Case Maximum (Nom)	76 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Shape	MR16	
Approval and Application		
	- kWh	
Energy Consumption kWh/1000 h	- KVVII	

# Light Technical

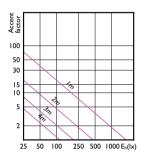
		Correlated Color		
Order Code	Full Product Name	Temperature (Nom)	Color Code	Luminous Flux
929001240108	Essential LED 5-50W 2700K MR16	2700 K	827	400 lm
	24D			
929001240208	Essential LED 5-50W 6500K MR16	6500 K	865	435 lm
	24D			

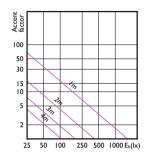
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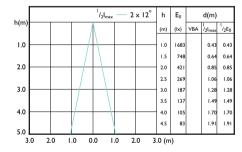
#### **Accent Diagrams**

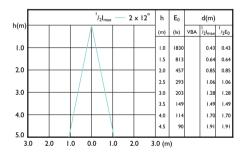




Accent Diagram - Essential LED 5-50W 6500K MR16 24D Accent Diagram - Essential LED 5-50W 2700K MR16 24D

#### **Beam Diagrams**





Beam diagram - Essential LED 5-50W 2700K MR16 24D Beam diagram - Essential LED 5-50W 6500K MR16 24D



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